

NEWS 30 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31 AUG 15 PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32 AUG 15 PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in September 2003
NEWS 35 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus *

FILE 'HOME' ENTERED AT 09:32:31 ON 11 SEP 2003

FILE 'REGISTRY' ENTERED AT 09:32:37 ON 11 SEP 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 SEP 2003 HIGHEST RN 582289-61-0
DICTIONARY FILE UPDATES: 9 SEP 2003 HIGHEST RN 582289-61-0

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See `HELP CROSSOVER` for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```

=> e inosose
E1      1    INOSOLINE/BI
E2      2    INOSOS/BI
E3  392 --> INOSOSE/BI
E4      1    INOSPHERA/BI
E5      5    INOSPIRO/BI
E6      5    INOSPIROSIDE/BI
E7      1    INOSPOR/BI
E8      2    INOSPORA/BI
E9      1    INOSPORAMIDE/BI
E10     1    INOSSR2O6/BI
E11     1    INOSTA/BI
E12     1    INOSTAMYCIN/BI

=> e epi-inosose/cn
E13     1    EPI-INOSITOL-2-D, 2-DEOXY-1,3,5-O-PENTYLIDYNE-, (2.XI.)-/CN
E14     1    EPI-INOSITOL-6-C-D/CN
E15   0 --> EPI-INOSOSE/CN
E16     1    EPI-INOSOSE, (4-NITROPHENYL) HYDRAZONE/CN
E17     1    EPI-INOTODIOL/CN
E18     1    EPI-ISOCOSTUNOLIDE/CN
E19     1    EPI-ISODASYCARPIDONE/CN
E20     1    EPI-ISOFENCHONE/CN
E21     1    EPI-ISOFENCHYL ALCOHOL/CN
E22     1    EPI-ISOLACTARORUFIN/CN
E23     1    EPI-JESTERONE/CN
E24     1    EPI-JURUENOLIDE D/CN

=> e scyllo-inosose/cn
E25     1    SCYLLO-INOSITOL-1-C-T, 2,3,4,5,6-PENTAKIS-O-(PHENYLMETHYL).-/CN
E26     1    SCYLLO-INOSITOL-1-C-YL/CN
E27   1 --> SCYLLO-INOSOSE/CN
E28     1    SCYLLO-MYO-INOSOSE/CN
E29     1    SCYLLO-PHOSPHATIDYLINOSITOL SYNTHASE/CN
E30     1    SCYLLO-QUERCITE/CN
E31     1    SCYLLO-QUERCITOL/CN
E32     1    SCYLLOINOSAMINE/CN
E33     1    SCYLLOINOSOSE/CN
E34     1    SCYMNOL/CN
E35     1    SCYMNOL 26-SULFATE/CN
E36     1    SCYMNOL 26-SULFATE AMMONIUM SALT/CN

=> d
ENTER NAME OF ITEM TO BE DISPLAYED OR (?) :end

=> s e27
L1      1 SCYLLO-INOSOSE/CN

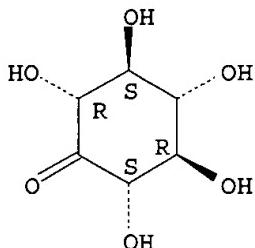
=> d

L1  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS on STN
RN  488-64-2  REGISTRY
CN  myo-2-Inosose (7CI, 9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN  2-Inosose, myo- (8CI)
CN  myo-Inosose-2 (6CI)
OTHER NAMES:
CN  keto-scyllo-Inositol
CN  meso-2,3,4,5,6-Pentahydroxycyclohexanone
CN  Myoinosose
CN  NSC 55547
CN  scyllo-Inosose
CN  scyllo-myo-Inosose
CN  Scylloinosose

```

FS STEREOSEARCH
DR 13309-55-2, 23327-66-4, 5618-72-4
MF C6 H10 O6
LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS,
CASREACT, CHEMINFORMRX, CSCHEM, MEDLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

60 REFERENCES IN FILE CA (1937 TO DATE)
60 REFERENCES IN FILE CAPLUS (1937 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> DIS HIST

(FILE 'HOME' ENTERED AT 09:32:31 ON 11 SEP 2003)

FILE 'REGISTRY' ENTERED AT 09:32:37 ON 11 SEP 2003

E INOSOSE
E EPI-INOSOSE/CN
E SCYLLO-INOSOSE/CN

L1 1 S E27

=>

=>
Executing the logoff script...

=> LOG H

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 7.90 | 8.11 |

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:35:53 ON 11 SEP 2003

5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS

AB Pseudomonas putida microbial oxidn. of benzene and singlet oxygen reaction of the resulting cis-cyclohexa-3,5-diene-1,2-diol have been used in the synthesis of four inositols (the muco, allo, epi and (.+-.)-chiro isomers) and of the 2-O-methyl-chiro-inositol, (.+-.)-quebrachitol.

AN 1994:54834 CAPLUS

DN 120:54834

TI Microbial oxidation of benzene as a route to inositol stereoisomers and (.+-.)-quebrachitol

AU Carless, Howard A. J.; Busia, K.; Oak, O. Z.

CS Dep. Chem., Birkbeck Coll., London, WC1H 0PP, UK

SO Synlett (1993), (9), 672-4

CODEN: SYNLES; ISSN: 0936-5214

DT Journal

LA English